						A K		
Form PTO 1449 US DEPARTMENT OF COMMER PATENT AND TRADEMARK OF	FORM PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT		No. 782_163			Serial No. 09/854,924		
INFORMATION			COYAMA, Ken-ichi N	atsuhiro IMAI and Minoru				
OPE	Filing Date	ling Date May 14, 2001				65		
NOV 0 5 2001 2	U.S.	PATENT DOC	UMENTS					
	nent Number	Date	Name	Class	Sub	Filing Date		
M ⁵ AF 4,367,	200 A	1/4/1983	Yoshinori et al.	1_	Class			
M) AG 4,216,	186 A	8/5/1980	Samuel et al.					
					2			
				1	2			
	RECEIVE	U			2 2	a c		
	NOV 2 8 2001			12		5		
	TC 170)		1-)			
	10			 				
				 		 		
	-				 	<u> </u>		
(FOREIG	N PATENT DO	CUMENTS					

		Document Number	T		==-			
 	 	Bocament Number	Date	Country	Class	Sub Class	Translation	Abstract
MS	AH	EP 0 733 728 A2	9/25/1996	Europe		Class	 	
						+	 	
			 					
	 							
	<u> </u>							
						+		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

M> A	ΑI	Ashida, Noriyuki, "Production of Single Crystal Fiber," Patent Abstracts of Japan., Pub. No. 61291487,
		Pub. Date 12/22/1986 Pub. Date 12/22/1986
m) A	AJ	Imagawa, Hiroshi, "Apparatus for Producing Single Crystal Fiber," Patent Abstracts of Japan, Pub. No. 60118688, Pub. Date 6/26/1985
Examiner	r 9	Matthew Song Date Considered 7/21/200>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449
US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Atty Docket No. 782_163

Atty Docket No. 782_163

Serial No. 09/854,924

Applicant Toshihisa YOKOYAMA, Ken-ichi NODA, Katsuhiro IMAI and Minoru IMAEDA

Filing Date May 14, 2001

Group

U.S. PATENT DOCUMENTS

Exam. Initial	ļ	Document Number	Date	Name	Class	Sub	Filing Date
M>	AA	5,690,734	11/25/1997	Imaeda et al.		Class	
							
					-		
					+		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class		 	
MS	AB	EP 0 733 728 A2	9/25/1996	Europe		Sub Class	Translation	Abstract
MS	AC	08-319191	12/3/1996	Japan			 	
							-	
								
						 		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

M>	AD	Kitamura et al., "Stoichiometric LiNbO ₃ single crystal growth by double crucible Czochralski method using automatic powder supply system", JOURNAL OF CRYSTAL CROWER AND CONTRACTOR OF CRYSTAL CROWER AND CROWER AND CREATER AND CROWER AND CROW
دم	AE	Yoon et al., "Morphological aspects of network 1111 (1992), North Holland, p. 327-332
		pulling-down method", JOURNAL OF CRYSTAL GROWTH 144 (1994), p. 207-212
Farancia		n_{1} , 0
Examir	ner //	Date Considered 1/20/2002

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.